

[54] DISPERSION-TYPE
ELECTROLUMINESCENCE DEVICE

[75] Inventors: Hidekimi Kadokura; Hiroshi
Yoshitake; Masayoshi Tanahashi, all
of Niihama, Japan

[73] Assignee: Sumitomo Chemical Company,
Limited, Osaka, Japan

[21] Appl. No.: 362,459

[22] PCT Filed: Sep. 28, 1988

[86] PCT No.: PCT/JP88/00984

§ 371 Date: May 24, 1989

§ 102(e) Date: May 24, 1989

[87] PCT Pub. No.: WO89/03163

PCT Pub. Date: Apr. 6, 1989

[30] Foreign Application Priority Data

Sep. 29, 1987 [JP] Japan 62-247425

[51] Int. Cl.⁵ H01J 63/04

[52] U.S. Cl. 313/509; 313/502;
313/504; 313/506

[58] Field of Search 313/502, 506, 509, 511,
313/512, 505, 504

[56] References Cited

U.S. PATENT DOCUMENTS

4,143,297 3/1979 Fischer 313/502
4,482,580 11/1984 Emmett et al. 313/509

4,767,679 8/1988 Kawachi 313/512

FOREIGN PATENT DOCUMENTS

38-5759 5/1963 Japan .

59-14878 4/1984 Japan .

OTHER PUBLICATIONS

Database Derwent World Patent Index, An 80-33981C
(19); JP-B-80 014 516 (Matsushita Elec. Ind. K.K.)
17-04-1980 *Abstract*.

Primary Examiner—Donald J. Yusko

Assistant Examiner—Diab Hamadi

Attorney, Agent, or Firm—Stevens, Davis, Miller &
Mosher

[57] ABSTRACT

The object of the present invention is to provide a dispersion-type electroluminescence device low in current density, excellent in luminous efficiency and less in uneven luminance. For attaining this object, dented portions present in an upper part of a luminous layer of dispersion-type electroluminescence device having a back electrode layer and, laminated thereon, an insulator layer, a luminous layer and a transparent electrode layer are coated with a resin composition having a dielectric constant which is lower than that of a dielectric resin composition used for formation of the luminous layer which is 5 or higher and a transparent electrode layer is than laminated thereon.

1 Claim, 1 Drawing Sheet

